Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 05 Jan 2021 until 23:59 on Wednesday 06 Jan 2021

Forecast Issued on Tuesday 05 Jan 2021 at 04:43

Confidence: High for the cold conditions. Medium in snow and cloud details.

Headline for Tuesday 05 Jan 2021: Mostly cloudy with snow showers. Significant wind chill.

Mountain weather hazards on Tuesday 05 Jan 2021

Blizzards Medium Likelihood	**Heavy Snow** Medium Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Light snow
Precipitation probability					
60%	60%	80%	80%	80%	60%

Forecast for Tuesday 05 Jan 2021

Weather: It will be mostly cloudy with snow showers. Some of the showers could be heavy with temporary blizzard conditions over the highest tops. There is a chance the showers could line up giving a feeling of persistent snow and giving locally significant accumulations. At lowest levels showers will be mainly of rain or sleet.

Chance of cloud free mountain/hill tops above 600m: 40%, extensive cloud base 600m, lower in showers.

Visibility: Very good falling moderate or poor in snow showers, but very poor at height.

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Forecast for Tuesday 05 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/22 NE	18/24 NE	17/22 NE	17/23 NE	17/23 NE	15/21 NE	13/19 NE
300	4/18 N	10/22 NE	9/20 NE	10/22 NE	9/21 NE	8/19 NE	7/18 NE
Valley	6/22 N	6/20 N	8/19 NE	8/21 NE	7/21 NE	6/18 NE	7/18 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-9	-2/-8	-1/-8	-1/-8	-1/-8	-2/-8	-2/-8
300	-1/-3	0/-4	1/-3	1/-3	0/-4	1/-3	0/-3
Valley	0/-3	1/-2	3/-0	2/-1	2/-2	2/-2	1/-2
Freezing Level*	100m	200m	400m	400m	400m	400m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frost at most levels, perhaps lifting a little at lowest levels around the middle of the day.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 05 Jan 2021	0.6mm	2.8mm	3.6mm

Forecast for Wednesday 06 Jan 2021

Weather: Mainly dry and bright with some sunny or clear spells. However, a few light snow showers during the morning with mist and freezing fog patches possibly forming in the valleys late in the day.

Maximum wind: North or Northeast 10 to 15mph.

Chance of cloud free mountain/hill tops above 600m: 80%, occasional or patches 600 to 900m.

Visibility: Very good, but poor or very poor in any mist and freezing fog.

Temperature: **Valleys:** Minus 3 Celsius rising to Plus 2 Celsius
At 600m: Minus 2 Celsius
Freezing level: Most levels, perhaps rising to 300m around the middle of the day.

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